

Converting Colors

$Y_{xy}(29.4220, 0.3866, 0.2865)$

Have a look what the booklet for
Yxy(29.4220, 0.3866, 0.2865)
contains.

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Color

Yxy(29.4029, 0.3859, 0.2860)

Conversions

Conversions Part 1

Format	Color
Hex	D57699
RGB	213, 118, 153
RGB Percent	84%, 46%, 60%
CMY	0.1646, 0.5373, 0.3999
CMYK	0.00, 0.45, 0.28, 0.16
HSL	338°, 53%, 65%
HSV	338°, 45%, 84%
XYZ	39.6734, 29.4029, 33.7311
YIQ	150.3950, 45.3850, 31.0250

Conversions

Conversions Part 2

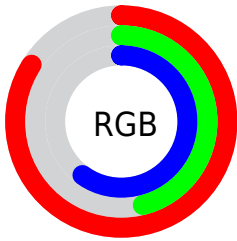
Format	Color
R _Y B	213, 118, 153
Decimal	13989529
CIE Lab	61.14, 41.19, -2.34
CIE LCh	61, 41.257, 356.755
Yxy	29.4029, 0.3859, 0.2860
Android (android.graphics.Color)	4292179609 (0xFFD57699)
YUV	150.3950, 1.2843, 54.9046
Hunter-Lab	54.2244, 35.7069, 1.0749

Details

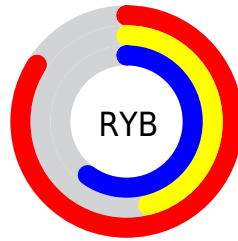
The Yxy color **29.4029, 0.3859, 0.2860** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **54.6607, 0.2719, 0.3781**, and the grayscale version is **30.6566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2700, 0.3565, 0.2929**, and **11.9237, 0.4113, 0.2716** is the 20% darker color. If you saturate the color by 10%, you get **24.5218, 0.4118, 0.2775**, and if you desaturate by 10%, it is **35.4696, 0.3638, 0.2957**.

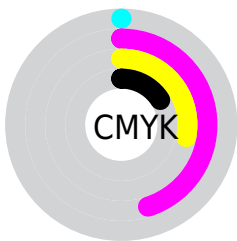
Distribution



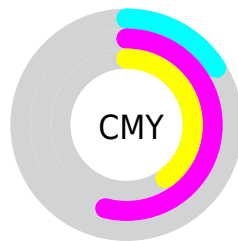
- Red (84%)
- Green (46%)
- Blue (60%)



- Red (84%)
- Yellow (46%)
- Blue (60%)



- Cyan (0%)
- Magenta (45%)
- Yellow (28%)
- Black (16%)





- Cyan (16%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4029, 0.3859, 0.2860 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 29.4029, 0.3859, 0.2860 by changing the saturation by 10% instead.


 29.4029, 0.3859,
0.2860


 29.4029, 0.3859,
0.2860


299.1112, 0.3468,
0.3088

 19.3858, 0.3966,
0.2799


 58.7166, 0.3710,
0.2946

 11.9494, 0.4108,
0.2718


 78.7820, 0.3657,
0.2977

 6.7092, 0.4307,
0.2605


 102.9657, 0.3612,
0.3003

 3.2809, 0.4606,
0.2438

131.6519, 0.3574,
0.3025

 1.2801, 0.5097,
0.2169

165.2252, 0.3542,
0.3044

 0.1257, 0.7311,
0.0794

204.0700, 0.3514,


 0.0000, 1.0000,


0.3061


0.0000


248.5705, 0.3489,
0.3075

 0.0000, 0.0000,
0.0000


 29.4029, 0.3859,
0.2860


 29.4029, 0.3859,
0.2860


 24.5218, 0.4118,
0.2775


 35.4696, 0.3638,
0.2957


 20.7432, 0.4413,
0.2711

 42.7893, 0.3454,
0.3057


 17.9800, 0.4733,
0.2682


 51.4292, 0.3302,
0.3155


 16.1295, 0.5062,
0.2699

 61.4505, 0.3177,
0.3249

 15.0673, 0.5372,
0.2768

 72.9107, 0.3075,
0.3336

 14.7060, 0.5528,
0.2819

 85.8638, 0.2991,
0.3417

 92.3938, 0.2919,
0.3370

 92.8883, 0.2877,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.4029, 0.3178, 0.2486



29.4029, 0.3859, 0.2860



29.4029, 0.4348, 0.3338

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.4029, 0.3859, 0.2860



29.4029, 0.3617, 0.4522



29.4029, 0.1950, 0.2535

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29.4029, 0.3859, 0.2860



54.6607, 0.2719, 0.3781

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.4029, 0.2037, 0.3049



29.4029, 0.3859, 0.2860



29.4029, 0.2966, 0.4335

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.4029, 0.3859, 0.2860



29.4029, 0.4168, 0.4294



29.4029, 0.2392, 0.3743



29.4029, 0.2126, 0.2285

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.4029, 0.3859, 0.2860



29.4029, 0.4465, 0.3678



29.4029, 0.2392, 0.3743



29.4029, 0.1950, 0.2678

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29.4043, 0.3859, 0.2860



79.3675, 0.3282, 0.3169



27.0592, 0.2813, 0.2084



16.3159, 0.3312, 0.3148



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.4043, 0.3859, 0.2860



36.8821, 0.4116, 0.2775



31.1776, 0.4245, 0.3431



12.4958, 0.3234, 0.3204



8.9998, 0.5490, 0.2798



0.5585, 0.5015, 0.2537

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.4043, 0.3859, 0.2860



36.8821, 0.4116, 0.2775



50.8636, 0.2504, 0.3138



12.4958, 0.3234, 0.3204



8.9998, 0.5490, 0.2798



0.5585, 0.5015, 0.2537

Previews

White Background



This preview shows how the Yxy color 29.4029, 0.3859, 0.2860 looks on a white background.

Color Contrast Check

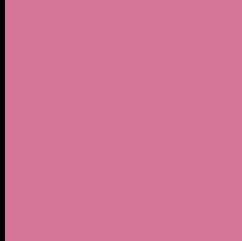
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 29.4029, 0.3859, 0.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

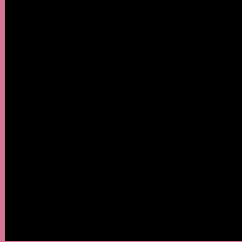
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.4029, 0.3859, 0.2860

Background



This preview shows how black text looks on a background with the Yxy color 29.4029, 0.3859, 0.2860.



This preview shows how white text looks on a background with the Yxy color 29.4029, 0.3859, 0.2860.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

29.4029, 0.3859, 0.2860

Protanopia

29.7370, 0.2878, 0.2923

Deuteranopia

29.4962, 0.3270, 0.3200



Tritanopia

29.4066, 0.4101, 0.3180

Trichromacy



Original Color

29.4029, 0.3859, 0.2860

Protanomaly

28.7237, 0.3200, 0.2885

Deuteranomaly

29.0760, 0.3487, 0.3064

Tritanomaly

29.5359, 0.4014, 0.3068

Monochromacy



Original Color

29.4029, 0.3859, 0.2860

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.2956, 0.3378, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4029, 0.3859, 0.2860 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(213, 118, 153)` looks like.

```
.text, #text, p{  
    color:rgb(213, 118, 153)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 118, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 118, 153) }
```

Border

The CSS property to change the border of an element to Yxy 29.4029, 0.3859, 0.2860 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 118, 153) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(213, 118, 153) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(213, 118, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 118, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 118, 153);  
box-shadow:4px 4px 4px 4px rgb(213, 118,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4029, 0.3859, 0.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 118, 153) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
118, 153) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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